BIM Built
We All Learn Better with Legos

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Yates Construction
Learning Objectives

1. BIM exists to be built. How can we make this happen?
2. BIM runs from beginning to end, from Schematic Design (LOD 100) to Final Laser Scan (LOD 500). How are the LOD’s Used?
3. What teams face with implementing BIM processes on top of current responsibilities.
4. How BIM can be used to defeat Chaos and bring organization to efforts.
AGC BIM EP Unit 1
Silo Work Environment

- Owner: Designs intent
- Designer: Determines means & methods
- Contractor: Details & executes means and methods
- Subcontractor

Figure 2.1
Collaborative Work Environment
BIM Common Ground

Successful project
Automated, linked, shared, accurate data
Profitability
Faster/better understanding & communication
Less rework
Product/ performance data
Integrated/ coordinated data
Cost/quantity data
Graphical data
Physical data
On time, within budget
High quality

Team

BIMForumED
@BIMjamin
Using Models

• Models are a means to the end.
Using Models

• Who has physically built something they modeled?
Using Models

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Using Models

• There is lots of work to be done!
Using Models
Using Models
Using Models
Using Models
Using Models
Using Models
Using Models

LOD 100
Using Models

LOD 200
LOD 300
Marketing

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Using Models

**LOD 300**

**LOD 400**

Construction
Using Models

LOD 300

LOD 400

Fabrication

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LOD 400
Using Models

Field BIM

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Handover

Training to Operations

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• Now It Is Your Turn!
This is not a contest!

Winners will receive much glory and accolades!
LEGO Pencil Pot

Ages: 7+

40154
174 pcs/
Stock/pzs/dlb

Pencils not included.
BIMForum Lego Experience

• Rules

1. Be Safe
2. Be Kind
3. Have Fun
4. Adhere to the Owner Requirements
BIMForum Lego Experience

1. You have been Selected.
2. Buy out the Project.
   - Groups of 3-8 people
   - Commandeer a Table
   - Choose a Leader
   - Gather Information
   - Establish Responsibilities
   - Gather Resources
4. Notice to Proceed in 5 Min.